# BRUHAT BANGALORE MAHANAGARA PALIKE

## DASARAHALLI ZONE

Office of the Executive Engineer Dasarahalli Division

**SCHDULE-B**

**Name of Work:Improvements to roads and drains at Kataraya Nagara in Ward no 14 (Bagalagunte)**

| Sl | Description of Work | Unit | Qty | Sanctioned Rates | |
|---|---|---|---|---|---|
| | | | | In figures (Rs) | In Words (Rs) |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Excavation for road, drains and similar works - KSRRB 300-1 Earthwork excavation by manual means in **Ordinary soil** involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications | Cum | 757.60 | 86.92 | Rupees Eighty six & Ninty Two Paise Only |
| 2 | Providing and laying in position **plain cement concrete of mix 1:4:8** with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. | Cum | 53.64 | 5159.02 | Rupees Five Thousand One hundred Fifty Nine & Two Paise Only |
| 3 | Providing and removing **centering,** shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications, | Sqm | 1192.00 | 310.58 | Rupees Three hundred ten & Fifty Eight Only |
| 4 | Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008- i) Upto 5 m height | Cum | 111.75 | 6965.26 | Rupees Six thousand nine hundred Sixty Five & Twenty Six Only |
| 5 | Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specifications | Tonne | 8.86 | 66482.14 | Rupees Sixty Six thousand four hundred Eighty two & Fourteen Only |
| 6 | Supplying and fixing **precast** rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials. | Sqm | 268.20 | 1698.00 | Rupees One thousand Six hundred Ninty Eight Only |

Signature of the Contractor

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| | ...g laying spreading and compacting graded ...aggregates to **wet mix macadam** specifications ...ding pre mixing the material with water at OMC in ...anical mix plant carriage of mixed method of ...k to site laying in uniform layers with paver in sub base base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications Specification No 406 with all leads and lifts etc complete as per the direction of Engineer-in-charge of the work | Cum | 150.00 | 1768.08 | Rupees One thousand Seven hundred Sixty Eighy & Eight Paise Only |
| 8 | Construction of dry lean cement Concrete mix (CC1 5 10 with OPC cement @160kgs with 25mm and down size graded gmite metal coarse aggragate at 0 86cum and fine aggregates @ 0 58cum sub-base over a prepared sub-grade with (Coarse and fine aggregate conforming to IS 383) aggregate cement ratio not to exceed 15 1 Aggregat gradiation after blending to be asper Table 600-1 cement content not to be less than 160kg/cum optimum moisture content to be determined during trail length construction concrete strength not to less than 10Mpa at 7 days mixed in a batching plant transported to site laid with a paver with electronic sensor compacting with 8-10 tonnes vibratory roller finishing and curing complete s per specifications | Cum | 150.00 | 3986.66 | Rupees Three thousand Nine hundred Eightty six & Sixty Six Paise Only |
| 9 | Cement concrete pavement Construction of un-reinforced plain cement concrete pavement thickness as per design over a prepared sub base with OPC cement or any other type as per clause 1051 2 2 with 25mm and down size graded granite metal coarse aggregates and fine aggregtes with superplastisiser @3lts confirming to IS9103-1999 ReaffirmecF2008 mixed in a concrete mixer of not less than 0 6 cum capacity and appropriate weigh batcher as per approved mix design laid in approved fixed side form work (steel channel laying and fixing of 125 micron thick polythene film wedges steel plates including levelling the form work as per drawing) Spreading the concrete with shovels rackers compacted using needle screed and plate vibrator and finished in a continuous operation including provision of contraction expansion construction and longitudinal joints joint filler separation membrane selant primer joint sealant admixtures as approved curing compound finishing to lines and grades as per drawing complete as per specifications M30 (at 360Kg per cum coarse aggregate @ 0 69cum and fine aggregate @ 0 43cum) | Cum | 150.00 | 6217.96 | Rupees Six thousand Two hundred Seventeen & Ninty Six Paise Only |
| 10 | Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator HOM of machinery,screed vibratory,power Floater,blade and disc etc., with all lead and lift | Sqm | 1000.00 | 95.40 | Rupees Ninty Five & Forty Paise Only |

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| | g groove cutting to concrete pavement for of 5mm to 10mm and depth 80mm - 100mm ding cost of cutting machine, generator & HOM of hinery, including cost of blade, coolant, etc., ncluding cleaning of grove & providing sand and hot bitumen fillars, and filler metal etc., including cost of conveyance of all amterials, labour, lead and lift charges and all other incidental charges as per drawing and as per specifications | Mtr | 65.00 | 121.90 | RupeesOne hundred Twenty One & Ninty paise Only |
| 12 | Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading | Cum | 757.60 | 85.65 | Rupees Eighty Five & Sixty Five paise Only |

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